

CHEMICAL OR AGENT	SPECIMEN SELECTION FROM SAMPLES		TEST METHOD	TRANSPORT INSTRUCTIONS	PROCESSING TIME	COMMENTS
Abrin	Clinical	Blood: Not available at DPHL or CDC				
Abrin toxin – Abrinine biomarker		<b>Urine:</b> Collect minimum 25-50mL in plastic urine specimen cup with o-ring	LC/MS/MS: available*	Freeze at -20 to - 80°C following IATA PI 650 & CDC Chemical Exposure Guidelines	12-36 hrs	*Method available through LRN network – anticipated at DPHL Abrinine biomarker determination
		Other fluids: Not available at DPHL or CDC				Contact DPHL for further assistance
	Environmental	Drinking Water: Collect 1 bottle (500mL) utilizing DPHL/ODW trace metals drinking water kit	LC/MS/MS: not available* Immunoassay: not available	Refrigerate at 2-8°C following ODW and EPA guidelines	12-36 hrs	*Method available through LRN network – anticipated at DPHL Abrinine biomarker determination
		Powders, solids, or semi-solids: Collect minimum of 1 tablespoon of material in 15 or 50 mL plastic centrifuge tube	LC/MS/MS: not available* Immunoassay: not available	Store at room temperature in secondary container	2 -4 days	*Method available through LRN network – anticipated at DPHL Abrinine biomarker determination
		Liquids: Collect a minimum of 1 tablespoon in 15 or 50 mL plastic centrifuge tube	LC/MS/MS: not available* Immunoassay: not available	Store at room temperature in secondary container	2 -4 days	*Method available through LRN network – anticipated at DPHL Abrinine biomarker determination
		Gases: Not available at DPHL				Contact DPHL for further assistance
	Food	No method available at DPHL or CDC Methods available at FERN labs	LC/MS/MS: not available** Immunoassay: not available	Collect a minimum of 25 g of product double bagged in a leak proof, sterile container	FDA laboratory will notify DPHL who will notify submitter	Submitter must contact Environmental Health Evaluation Branch concerning any suspected food contamination.  **Methods available at FERN labs

Notify DPHL of any field characterization testing performed

Submitters must contact DPH Environmental Health Evaluation Branch concerning any suspected clinical exposure, environmental release, or suspected food contamination.

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CHEMICAL OR AGENT	SPECIMEN SELECTION FROM SAMPLES		TEST METHOD	TRANSPORT MEDIUM/ INSTRUCTIONS	PROCESSING TIME	COMMENTS
Antimony	Clinical	Blood: Not available at DPHL				Contact DPHL for further assistance
Antimony salts Antimony containing		<b>Urine:</b> Collect minimum 25-50mL in plastic urine specimen cup with o-ring	ICP/MS: available	Freeze at -20 to - 80°C following IATA PI 650 & CDC Chemical Exposure Guidelines	12-36 hrs	
compounds		Other fluids: Not available at DPHL				Contact DPHL for further assistance
	Environmental	Drinking Water: Collect 1 bottle (500mL) utilizing DPHL/ODW trace metals drinking water kit	ICP/MS: available	Refrigerate at 2-8°C following ODW and EPA guidelines	12-36 hrs	
		Powders, solids, or semi-solids: Collect minimum of 1 tablespoon of material in 15 or 50 mL plastic centrifuge tube	ICP/MS: available	Store at room temperature in secondary container		Contact DPHL for further assistance
		Liquids: Collect a minimum of 1 tablespoon in 15 or 50 mL plastic centrifuge tube	ICP/MS: available	Store at room temperature in secondary container		Contact DPHL for further assistance
		Gases: Not available at DPHL				Contact DPHL for further assistance
	Food	No method available at DPHL or CDC	ICP/MS: not available** GFAA: not available**	Collect a minimum of 25 g of product double bagged in a leak proof, sterile container	FDA laboratory will notify DPHL who will notify submitter	Submitter must contact Environmental Health Evaluation Branch concerning any suspected food contamination.  **Methods available at FERN labs

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CHEMICAL OR AGENT	SPECIMEN SELECTION FROM SAMPLES		TEST METHOD	TRANSPORT MEDIUM/ INSTRUCTIONS	PROCESSING TIME	COMMENTS
Arsenic Arsenic salts	Clinical	Blood: Not available at DPHL currently Collect 3x4mL (min. 12 mL) in plastic purple top K3EDTA blood tube Collect 1x4mL plastic green top lithium heparin blood tube	ICP/MS: not available currently	Refrigerate at 2-8°C following IATA PI 650 & CDC Chemical Exposure Guidelines		Contact DPHL for further assistance
Arsenic producing compounds		Urine: Collect minimum 25-50mL in plastic urine specimen cup with o-ring	ICP/MS - DRC: available	Freeze at -20 to - 80°C following IATA PI 650 & CDC Chemical Exposure Guidelines	12-36 hrs	Speciation method available through LRN network
		Other fluids: Not available at DPHL				Contact DPHL for further assistance
	Environmental	Drinking Water: Collect 1 bottle (500mL) utilizing DPHL/ODW trace metals drinking water kit	ICP/MS: available Test Strips: available	Refrigerate at 2-8°C following ODW and EPA guidelines	12-36 hrs	
		Powders, solids, or semi-solids: Collect minimum of 1 tablespoon of material in 15 or 50 mL plastic centrifuge tube	ICP/MS: available Test Strips: available	Store at room temperature in secondary container	2 -4 days	Contact DPHL for further assistance
		Liquids: Collect a minimum of 1 tablespoon in 15 or 50 mL plastic centrifuge tube	ICP/MS: available Test Strips: available	Store at room temperature in secondary container	2 -4 days	Contact DPHL for further assistance
		Gases: Not available at DPHL				Contact DPHL for further assistance
	Food	No method available at DPHL or CDC FERN method under development	ICP/MS: not available**	Collect a minimum of 25 g of product double bagged in a leak proof, sterile container	FDA laboratory will notify DPHL who will notify submitter	Submitter must contact Environmental Health Evaluation Branch concerning any suspected food contamination.  **Methods available at FERN labs

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CHEMICAL OR AGENT	SPECIMEN SELECTION FROM SAMPLES		TEST METHOD	TRANSPORT MEDIUM/ INSTRUCTIONS	PROCESSING TIME	COMMENTS
Barium	Clinical	Blood: Not available at DPHL currently				Contact DPHL for further assistance
Barium salts Barium containing		<b>Urine:</b> Collect minimum 25-50mL in plastic urine specimen cup with o-ring	ICP/MS: available	Freeze at -20 to - 80°C following IATA PI 650 & CDC Chemical Exposure Guidelines	12-36 hrs	
compounds		Other fluids: Not available at DPHL				Contact DPHL for further assistance
	Environmental	Drinking Water: Collect 1 bottle (500mL) utilizing DPHL/ODW trace metals drinking water kit	ICP/MS: available	Refrigerate at 2-8°C following ODW and EPA guidelines	12-36 hrs	
		Powders, solids, or semi-solids: Collect minimum of 1 tablespoon of material in 15 or 50 mL plastic centrifuge tube	ICP/MS: available	Store at room temperature in secondary container	2 -4 days	Contact DPHL for further assistance
		Liquids: Collect a minimum of 1 tablespoon in 15 or 50 mL plastic centrifuge tube	ICP/MS: available	Store at room temperature in secondary container	2 -4 days	Contact DPHL for further assistance
		Gases: Not available				Contact DPHL for further assistance
	Food	No method available at DPHL or CDC FERN method under development	ICP/MS: not available**	Collect a minimum of 25 g of product double bagged in a leak proof, sterile container	FDA laboratory will notify DPHL who will notify submitter	Submitter must contact Environmental Health Evaluation Branch concerning any suspected food contamination.  **Methods available at FERN labs

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CHEMICAL OR AGENT	SPECIMEN SELECTION FROM SAMPLES		TEST METHOD	TRANSPORT MEDIUM/ INSTRUCTIONS	PROCESSING TIME	COMMENTS
Beryllium	Clinical	Blood: Not available at DPHL currently				Contact DPHL for further assistance
Beryllium salts Beryllium containing		<b>Urine:</b> Collect minimum 25-50mL in plastic urine specimen cup with o-ring	ICP/MS: available	Freeze at -20 to - 80°C following IATA PI 650 & CDC Chemical Exposure Guidelines	12-36 hrs	
compounds		Other fluids: Not available at DPHL				Contact DPHL for further assistance
	Environmental	Drinking Water: Collect 1 bottle (500mL) utilizing DPHL/ODW trace metals drinking water kit	ICP/MS: available	Refrigerate at 2-8°C following ODW and EPA guidelines	12-36 hrs	
		Powders, solids, or semi-solids: Collect minimum of 1 tablespoon of material in 15 or 50 mL plastic centrifuge tube	ICP/MS: available	Store at room temperature in secondary container	2 -4 days	Contact DPHL for further assistance
		Liquids: Collect a minimum of 1 tablespoon in 15 or 50 mL plastic centrifuge tube	ICP/MS: available	Store at room temperature in secondary container	2 -4 days	Contact DPHL for further assistance
		Gases: Not available at DPHL				Contact DPHL for further assistance
	Food	No method available at DPHL or CDC	ICP/MS: not available**	Collect a minimum of 25 g of product double bagged in a leak proof, sterile container	FDA laboratory will notify DPHL who will notify submitter	Submitter must contact Environmental Health Evaluation Branch concerning any suspected food contamination.  **Methods available at FERN labs

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CHEMICAL OR AGENT	SPECIMEN SELECTION FROM SAMPLES		TEST METHOD	TRANSPORT MEDIUM/ INSTRUCTIONS	PROCESSING TIME	COMMENTS
Cadmium Cadmium salts	Clinical	Blood: Collect 3x4mL (min. 12 mL) in plastic purple top K3EDTA blood tube Collect 1x4mL in plastic green top lithium heparin blood tube	ICP/MS : available	Refrigerate at 2-8°C following IATA PI 650 & CDC Chemical Exposure Guidelines	12-36 hrs	Contact DPHL for further assistance
Cadmium containing compounds		<b>Urine:</b> Collect minimum 25-50mL in plastic urine specimen cup with o-ring	ICP/MS: available	Freeze at -20 to - 80°C following IATA PI 650 & CDC Chemical Exposure Guidelines	12-36 hrs	
		Other fluids: Not available at DPHL				Contact DPHL for further assistance
	Environmental	Drinking Water: Collect 1 bottle (500mL) utilizing DPHL/ODW trace metals drinking water kit	ICP/MS: available	Refrigerate at 2-8°C following ODW and EPA guidelines	12-36 hrs	
		Powders, solids, or semi-solids: Collect minimum of 1 tablespoon of material in 15 or 50 mL plastic centrifuge tube	ICP/MS: available	Store at room temperature in secondary container	2 -4 days	Contact DPHL for further assistance
		Liquids: Collect a minimum of 1 tablespoon in 15 or 50 mL plastic centrifuge tube	ICP/MS: available	Store at room temperature in secondary container	2 -4 days	Contact DPHL for further assistance
		Gases: Not available at DPHL				Contact DPHL for further assistance
	Food	No method available at DPHL or CDC FERN method under development	ICP/MS: not available**	Collect a minimum of 25 g of product double bagged in a leak proof, sterile container	FDA laboratory will notify DPHL who will notify submitter	Submitter must contact Environmental Health Evaluation Branch concerning any suspected food contamination.  **Methods available at FERN labs

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Cesium	Clinical	Blood: Not available at DPHL currently				Contact DPHL for further assistance
Cesium salts Cesium containing or		<b>Urine:</b> Collect minimum 25-50mL in plastic urine specimen cup with o-ring	ICP/MS: available	Freeze at -20 to - 80°C following IATA PI 650 & CDC Chemical Exposure Guidelines	12-36 hrs	
producing compounds		Other fluids: Not available at DPHL				Contact DPHL for further assistance
	Environmental	Drinking Water: Collect 1 bottle (500mL) utilizing DPHL/ODW trace metals drinking water kit	ICP/MS: available	Refrigerate at 2-8°C following ODW and EPA guidelines	12-36 hrs	
		Powders, solids, or semi-solids: Collect minimum of 1 tablespoon of material in 15 or 50 mL plastic centrifuge tube	ICP/MS: available	Store at room temperature in secondary container	2 -4 days	Contact DPHL for further assistance
		Liquids: Collect a minimum of 1 tablespoon in 15 or 50 mL plastic centrifuge tube	ICP/MS: available	Store at room temperature in secondary container	2 -4 days	Contact DPHL for further assistance
		Gases: Not available at DPHL				Contact DPHL for further assistance
	Food	No method available at DPHL or CDC	ICP/MS: not available**	Collect a minimum of 25 g of product double bagged in a leak proof, sterile container	FDA laboratory will notify DPHL who will notify submitter	Submitter must contact Environmental Health Evaluation Branch concerning any suspected food contamination.  **Methods available at FERN labs

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<b>Chromium</b> Chromium	Clinical	Blood: Collect 3x4mL (min. 12 mL) in plastic purple top K3EDTA blood tube Collect 1x4mL in plastic green top lithium heparin blood tube	ICP/MS: not available at DPHL	Refrigerate at 2-8°C following IATA PI 650 & CDC Chemical Exposure Guidelines		Contact DPHL for further assistance
salts Chromium containing compounds or materials		<b>Urine:</b> Collect minimum 25-50mL in plastic urine specimen cup with o-ring	ICP/MS - DRC: not available at DPHL	Freeze at -20 to - 80°C following IATA PI 650 & CDC Chemical Exposure Guidelines	12-36 hrs	Speciation method available through LRN network
		Other fluids: Not available at DPHL				Contact DPHL for further assistance
	Environmental	Drinking Water: Collect 1 bottle (500mL) utilizing DPHL/ODW trace metals drinking water kit	ICP/MS: available	Refrigerate at 2-8°C following ODW and EPA guidelines	12-36 hrs	
		Powders, solids, or semi-solids: Collect minimum of 1 tablespoon of material in 15 or 50 mL plastic centrifuge tube	ICP/MS: available	Store at room temperature in secondary container	2 -4 days	Contact DPHL for further assistance
		Liquids: Collect a minimum of 1 tablespoon in 15 or 50 mL plastic centrifuge tube	ICP/MS: available	Store at room temperature in secondary container	2 -4 days	Contact DPHL for further assistance
		Gases: Not available at DPHL				Contact DPHL for further assistance
	Food	No method available at DPHL or CDC FERN method under development	ICP/MS: not available**	Collect a minimum of 25 g of product double bagged in a leak proof, sterile container	FDA laboratory will notify DPHL who will notify submitter	Submitter must contact Environmental Health Evaluation Branch concerning any suspected food contamination.  **Methods available at FERN labs

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Cobalt	Clinical	Blood: Not available at DPHL currently				Contact DPHL for further assistance
Cobalt salts Cobalt containing		<b>Urine:</b> Collect minimum 25-50mL in plastic urine specimen cup with o-ring	ICP/MS: available	Freeze at -20 to - 80°C following IATA PI 650 & CDC Chemical Exposure Guidelines	12-36 hrs	
compounds		Other fluids: Not available at DPHL				Contact DPHL for further assistance
	Environmental	Drinking Water: Collect 1 bottle (500mL) utilizing DPHL/ODW trace metals drinking water kit	ICP/MS: available	Refrigerate at 2-8°C following ODW and EPA guidelines	12-36 hrs	
		Powders, solids, or semi-solids: Collect minimum of 1 tablespoon of material in 15 or 50 mL plastic centrifuge tube	ICP/MS: available	Store at room temperature in secondary container	2 -4 days	Contact DPHL for further assistance
		Liquids: Collect a minimum of 1 tablespoon in 15 or 50 mL plastic centrifuge tube	ICP/MS: available	Store at room temperature in secondary container	2 -4 days	Contact DPHL for further assistance
		Gases: Not available at DPHL				Contact DPHL for further assistance
	Food	No method available at DPHL or CDC	ICP/MS: not available**	Collect a minimum of 25 g of product double bagged in a leak proof, sterile container	FDA laboratory will notify DPHL who will notify submitter	Submitter must contact Environmental Health Evaluation Branch concerning any suspected food contamination.  **Methods available at FERN labs

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Cyanide Cyanide salts	Clinical	Blood: Collect 3x4mL (min. 12 mL) in plastic purple top K3EDTA blood tube Collect 1x4mL in plastic green top lithium heparin blood tube	GC/MS: available	Refrigerate at 2-8°C following IATA PI 650 & CDC Chemical Exposure Guidelines	12-36 hrs	Collection prior to antidote administration is preferred but not required
Cyanogen chloride Isocyanide		Urine: Not available				
Cyanide producing compounds		Other fluids: Not available at DPHL				
Cyanide	Environmental	Drinking Water: Collect 1 bottle (500mL) utilizing DPHL/ODW drinking water kit	GC/MS: available Test Strips: available Wet Chemistry: available	Refrigerate at 2-8°C following ODW and EPA guidelines	12-36 hrs	
		Powders, solids, or semi-solids: Collect minimum of 1 tablespoon of material in 15 or 50 mL plastic centrifuge tube	GC/MS: available Test Strips: available	Store at room temperature in secondary container	2 -4 days	Contact DPHL for further assistance
		Liquids: Collect a minimum of 1 tablespoon in 15 or 50 mL plastic centrifuge tube	GC/MS: available Test Strips: available	Store at room temperature in secondary container	2 -4 days	Contact DPHL for further assistance
		Gases: Not available at DPHL	Test Strips: available			Contact DPHL for further assistance
	Food	No method available at DPHL or CDC Methods available at FERN labs	GC/MS: not available**	Collect a minimum of 25 g of product double bagged in a leak proof, sterile container	FDA laboratory will notify DPHL who will notify submitter	Submitter must contact Environmental Health Evaluation Branch concerning any suspected food contamination.  **Methods available at FERN labs

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CHEMICAL OR AGENT	SPECIMEN SELECTION FROM SAMPLES		TEST METHOD	TRANSPORT MEDIUM/ INSTRUCTIONS	PROCESSING TIME	COMMENTS
Lead  Lead salts  Lead  containing	Clinical	Blood: Collect 3x4mL (min. 12 mL) in plastic purple top K3EDTA blood tube Collect 1x4mL in plastic green top lithium heparin blood tube Pediatrics: Collect 0.500 mL via capillary finger stick in 1 mL purple top K3EDTA microtainer	ICP/MS: available GFAA: available	Refrigerate at 2-8°C following IATA PI 650 & CDC Chemical Exposure Guidelines	12-36 hrs	
compounds or materials (paints, polishes, glass or stem ware)		<b>Urine:</b> Collect minimum 25-50mL in plastic urine specimen cup with o-ring	ICP/MS: available	Freeze at -20 to - 80°C following IATA PI 650 & CDC Chemical Exposure Guidelines	12-36 hrs	
		Other fluids: Not available at DPHL				Contact DPHL for further assistance
	Environmental	Drinking Water: Collect 1 bottle (500mL) utilizing DPHL/ODW trace metals drinking water kit	ICP/MS: available	Refrigerate at 2-8°C following ODW and EPA guidelines	12-36 hrs	
		Powders, solids, or semi-solids: Collect minimum of 1 tablespoon of material in 15 or 50 mL plastic centrifuge tube	ICP/MS: available	Store at room temperature in secondary container	2 -4 days	Contact DPHL for further assistance
		Liquids: Collect a minimum of 1 tablespoon in 15 or 50 mL plastic centrifuge tube	ICP/MS: available	Store at room temperature in secondary container	2 -4 days	Contact DPHL for further assistance
		Gases: Not available at DPHL				Contact DPHL for further assistance
	Food	No method available at DPHL or CDC FERN method under development	ICP/MS: not available** GFAA: not available**	Collect a minimum of 25 g of product double bagged in a leak proof, sterile container	FDA laboratory will notify DPHL who will notify submitter	Submitter must contact Environmental Health Evaluation Branch concerning any suspected food contamination.  **Methods available at FERN labs

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CHEMICAL OR AGENT	SPECIME	N SELECTION FROM SAMPLES	TEST METHOD	TRANSPORT MEDIUM/ INSTRUCTIONS	PROCESSING TIME	COMMENTS
Lewisites	Clinical	Blood: Not available at DPHL or CDC				Contact DPHL for further assistance
L, HL		<b>Urine:</b> Collect minimum 25-50mL in plastic urine specimen cup with o-ring	GC/MS/MS: available*	Freeze at -20 to - 80°C following IATA PI 650 & CDC Chemical Exposure Guidelines	12-36 hrs	Utilizes CVAA hydrolysis product for detection *Method available through LRN network
		Other fluids: Not available at DPHL				Contact DPHL for further assistance
	Environmental	<b>Drinking Water:</b> Collect 1 bottle (500mL) utilizing DPHL/ODW trace metals drinking water kit	GC/MS/MS: not available GC/MS: not available	Refrigerate at 2-8°C following ODW and EPA guidelines	2-4 days	Utilizes CVAA hydrolysis product for detection  *Method available through LRN network
		Powders, solids, or semi-solids: Collect minimum of 1 tablespoon of material in 15 or 50 mL plastic centrifuge tube	GC/MS/MS: not available GC/MS: not available	Store at room temperature in secondary container	2 -4 days	Utilizes CVAA hydrolysis product for detection  *Method available through LRN network
		Liquids: Collect a minimum of 1 tablespoon in 15 or 50 mL plastic centrifuge tube	GC/MS/MS: not available GC/MS: not available	Store at room temperature in secondary container	2 -4 days	Utilizes CVAA hydrolysis product for detection  *Method available through LRN network
		Gases: Not available at DPHL				Contact DPHL for further assistance
	Food	No method available at DPHL or CDC or FDA	GC/MS/MS: not available GC/MS: not available			Submitter must contact Environmental Health Evaluation Branch concerning any suspected food contamination.

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CHEMICAL OR AGENT	SPECIMEN SELECTION FROM SAMPLES		TEST METHOD	TRANSPORT MEDIUM/ INSTRUCTIONS	PROCESSING TIME	COMMENTS
Mercury	Clinical	<b>Blood:</b> Collect 3x4mL (min. 12 mL) in plastic purple top K3EDTA blood tube	ICP/MS: available FIMS: available GFAA: available	Refrigerate at 2-8°C following IATA PI 650 & CDC Chemical Exposure Guidelines	12-36 hrs	Contact DPHL for further assistance
Mercury salts  Mercury  containing or		Urine: Not available at DPHL	ICP/MS: not available		12-36 hrs	Contact DPHL for further assistance
producing compounds (old		Other fluids: Not available at DPHL				Contact DPHL for further assistance
thermometers, plating supplies)	Environmental	Drinking Water: Collect 1 bottle (500mL) utilizing DPHL/ODW trace metals drinking water kit	ICP/MS: available	Refrigerate at 2-8°C following ODW and EPA guidelines	12-36 hrs	
		Powders, solids, or semi-solids: Collect minimum of 1 tablespoon of material in 15 or 50 mL plastic centrifuge tube	ICP/MS: available	Store at room temperature in secondary container	2 -4 days	Contact DPHL for further assistance
		Liquids: Collect a minimum of 1 tablespoon in 15 or 50 mL plastic centrifuge tube	ICP/MS: available	Store at room temperature in secondary container	2 -4 days	Contact DPHL for further assistance
		Gases: Not available at DPHL				Contact DPHL for further assistance
	Food	No method available at DPHL or CDC FERN method under development	ICP/MS: not available** GFAA: not available** FIMS: not available	Collect a minimum of 25 g of product double bagged in a leak proof, sterile container	FDA laboratory will notify DPHL who will notify submitter	Submitter must contact Environmental Health Evaluation Branch concerning any suspected food contamination.  **Methods available at FERN labs

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Nerve Agents	Clinical	Blood: Not available at DPHL or CDC				Contact DPHL for further assistance
Organo- phosphorous Nerve Agents		<b>Urine:</b> Collect minimum 25-50mL in plastic urine specimen cup with o-ring	LC/MS/MS: available*	Freeze at -20 to - 80°C following IATA PI 650 & CDC Chemical Exposure Guidelines	12-36 hrs	*Method available through LRN network – anticipated at DPHL
Sarin (GB),		Other fluids: Not available at DPHL				Contact DPHL for further assistance
Soman (GD), Cyclohexylsarin (GF), Russian VX (rVX), VX	Environmental	<b>Drinking Water:</b> Collect 1 bottle (500mL) utilizing DPHL/ODW trace metals drinking water kit	GC/MS: not available* LC/MS/MS: not available* Wet Chemistry: available Test strip/triage: available	Refrigerate at 2-8°C following ODW and EPA guidelines	2-4 days	Contact DPHL for further assistance *Method available through LRN network – anticipated at DPHL
Organo- phosphorous Pesticides		Powders, solids, or semi-solids: Collect minimum of 1 tablespoon of material in 15 or 50 mL plastic centrifuge tube	GC/MS: not available* LC/MS/MS: not available* Wet Chemistry: available Test strip/triage: available	Store at room temperature in secondary container	2 -4 days	Contact DPHL for further assistance *Method available through LRN network – anticipated at DPHL
		Liquids: Collect a minimum of 1 tablespoon in 15 or 50 mL plastic centrifuge tube	GC/MS: not available* LC/MS/MS: not available* Wet Chemistry: available Test strip/triage: available	Store at room temperature in secondary container	2 -4 days	Contact DPHL for further assistance *Method available through LRN network – anticipated at DPHL
		Gases: Not available at DPHL				Contact DPHL for further assistance
	Food	No method available at DPHL or CDC Methods available at FERN labs	LC/MS/MS: not available**	Collect a minimum of 25 g of product double bagged in a leak proof, sterile container	FDA laboratory will notify DPHL who will notify submitter	Submitter must contact Environmental Health Evaluation Branch concerning any suspected food contamination.  **Method available through FERN network

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Nitrogen Mustards	Clinical	Blood: Not available at DPHL or CDC				Contact DPHL for further assistance
HN1 (bis(2- chloroethyl)ethyl amine), HN2 (bis(2-		<b>Urine:</b> Collect minimum 25-50mL in plastic urine specimen cup with o-ring	LC/MS/MS: available*	Freeze at -20 to - 80°C following IATA PI 650 & CDC Chemical Exposure Guidelines	12-36 hrs	Utilizes hydrolysis products EDEA, MEDEA, and TEA for detection *Method available through LRN network – anticipated at DPHL
chloroethyl)methyl amine), and		Other fluids: Not available at DPHL				Contact DPHL for further assistance
HN3 (tris(2- chloroethyl)amine)	Environmental	Drinking Water: Collect 1 bottle (500mL) utilizing DPHL/ODW trace metals drinking water kit	LC/MS/MS: available*	Refrigerate at 2-8°C following ODW and EPA guidelines	2-4 days	Contact DPHL for further assistance Utilizes hydrolysis products EDEA, MEDEA, and TEA for detection *Method available through LRN network – anticipated at DPHL
		Powders, solids, or semi-solids: Collect minimum of 1 tablespoon of material in 15 or 50 mL plastic centrifuge tube	LC/MS/MS: available*	Store at room temperature in secondary container	2 -4 days	Contact DPHL for further assistance Utilizes hydrolysis products EDEA, MEDEA, and TEA for detection *Method available through LRN network – anticipated at DPHL
		Liquids: Collect a minimum of 1 tablespoon in 15 or 50 mL plastic centrifuge tube	LC/MS/MS: available*	Store at room temperature in secondary container	2 -4 days	Contact DPHL for further assistance Utilizes hydrolysis products EDEA, MEDEA, and TEA for detection *Method available through LRN network – anticipated at DPHL
		Gases: Not available at DPHL				Contact DPHL for further assistance
	Food	No method available at DPHL or CDC or FDA	LC/MS/MS: not available			Submitter must contact Environmental Health Evaluation Branch concerning any suspected food contamination.

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Pesticides Dialkylphosphate,	Clinical	Blood: Not available at DPHL or CDC				Contact DPHL for further assistance
Dialkylphosphate, Thiophosphate, Dithiophosphate Metabolites of Organophosphate Pesticides  General Pesticide Screen Alachlor, Arochlor (1016,		<b>Urine:</b> Collect minimum 25-50mL in plastic urine specimen cup with o-ring	GC/MS: available*	Freeze at -20 to - 80°C following IATA PI 650 & CDC Chemical Exposure Guidelines	12-36 hrs	*Method available through LRN network – anticipated at DPHL
1221, 1232, 1232, 1248, 1254, 1260), Aldrin,		Other fluids: Not available at DPHL				Contact DPHL for further assistance
Atrazine, Butachlor, Chlorbenzilate, Chloradane, Chloroneb, Chlorothalonil, Cyanazine, DCPA, 4,4'- DDD, 4,4'-DDE, 4,4'-DDT,	Environmental	<b>Drinking Water:</b> Collect 1 bottle (500mL) utilizing DPHL/ODW trace metals drinking water kit	GC: available GC/MS: not available* LC/MS/MS: not available* Test strip/triage: available	Refrigerate at 2- 8°C following ODW and EPA guidelines	2-4 days	Contact DPHL for further assistance *Method available through eLRN network – anticipated at DPHL
4,4'-Dibromobiphenyl, Dieldrin, Endosulfan I, II, Endrin, Endrin Aldehyde, Etridiazole, HCH,		Powders, solids, or semi-solids: Collect minimum of 1 tablespoon of material in 15 or 50 mL plastic centrifuge tube	GC/MS: not available* LC/MS/MS: not available* Wet Chemistry: available Test strip/triage: available	Store at room temperature in secondary container	2 -4 days	Contact DPHL for further assistance  *Method available through eLRN network – anticipated at DPHL
Heptachlor, Heptachlor Epoxide, Hexachlorobenzene,		Liquids: Collect a minimum of 1 tablespoon in 15 or 50 mL plastic centrifuge tube	GC/MS: not available* LC/MS/MS: not available* Wet Chemistry: available Test strip/triage: available	Store at room temperature in secondary container	2 -4 days	Contact DPHL for further assistance  *Method available through eLRN network – anticipated at DPHL
Hexachlorocylopentadiene, Methoxychlor, Metolochlor, Metribuzin, Permethrin, Propachlor, Simazine, Tribfluralin, Toxaphene		Gases: Not available at DPHL				
	Food	No method available at DPHL or CDC Methods available at FERN labs	GC/MS: not available**	Collect a minimum of 25 g of product double bagged in a leak proof, sterile container	FDA laboratory will notify DPHL who will notify submitter	Submitter must contact Environmental Health Evaluation Branch concerning any suspected food contamination.  ** Method available through FERN network

Notify DPHL of any field characterization testing performed



CHEMICAL OR AGENT	SPECIMEN SELECTION FROM SAMPLES		TEST METHOD	TRANSPORT MEDIUM/ INSTRUCTIONS	PROCESSING TIME	COMMENTS
Platinum	Clinical	Blood: Not available at DPHL currently				Contact DPHL for further assistance
Platinum Platinum salts Platinum containing		<b>Urine:</b> Collect minimum 25-50mL in plastic urine specimen cup with o-ring	ICP/MS: available	Freeze at -20 to - 80°C following IATA PI 650 & CDC Chemical Exposure Guidelines	12-36 hrs	
compounds		Other fluids: Not available at DPHL				Contact DPHL for further assistance
	Environmental	Drinking Water: Collect 1 bottle (500mL) utilizing DPHL/ODW trace metals drinking water kit	ICP/MS: available	Refrigerate at 2-8°C following ODW and EPA guidelines	12-36 hrs	
		Powders, solids, or semi-solids: Collect minimum of 1 tablespoon of material in 15 or 50 mL plastic centrifuge tube	ICP/MS: available	Store at room temperature in secondary container	2 -4 days	Contact DPHL for further assistance
		Liquids: Collect a minimum of 1 tablespoon in 15 or 50 mL plastic centrifuge tube	ICP/MS: available	Store at room temperature in secondary container	2 -4 days	Contact DPHL for further assistance
		Gases: Not available at DPHL				Contact DPHL for further assistance
	Food	No method available at DPHL or CDC	ICP/MS: available*	Collect a minimum of 25 g of product double bagged in a leak proof, sterile container	FDA laboratory will notify DPHL who will notify submitter	Submitter must contact Environmental Health Evaluation Branch concerning any suspected food contamination.  **Method available through FERN

Notify DPHL of any field characterization testing performed



CHEMICAL OR AGENT	SPECIMEN SELECTION FROM SAMPLES*		TEST METHOD	TRANSPORT MEDIUM/ INSTRUCTIONS	PROCESSING TIME	COMMENTS
Radioactive	Clinical	Blood: Not available at DPHL				
Alpha spectroscopy:		Urine: Not available at DPHL** Collect minimum 25-50mL in plastic urine specimen cup with o-ring	ICP/MS: available** Test strip/triage: available	Freeze at -20 to - 80°C following IATA PI 650 & CDC Chemical Exposure Guidelines	12-36 hrs	
Americium 241 Californium 252		Other fluids: Not available at DPHL				
Plutonium 238 Radium 226 Uranium 238**	Environmental	Drinking Water: Collect 1 bottle (500mL) utilizing DPHL/ODW trace metals drinking water kit	ICP/MS: available** Test strip/triage: available	Refrigerate at 2-8°C following ODW and EPA guidelines	12-36 hrs	
Beta counting: Strontium 90**		Powders, solids, or semi-solids: Collect minimum of 1 tablespoon of material in 15 or 50 mL plastic centrifuge tube	ICP/MS: available** Test strip/triage: available	Store at room temperature in secondary container	2 -4 days	
Gamma Spectroscopy:		Liquids: Collect a minimum of 1 tablespoon in 15 or 50 mL plastic centrifuge tube	ICP/MS: available** Test strip/triage: available	Store at room temperature in secondary container	2 -4 days	
Cesium 137** Americium 241		Gases: Not available at DPHL	Test strip/triage: available****			****Field kits for Radon 222
Cobalt 60** Europium 154 Iridium 192** Ruthenium 103 Ruthenium 106	Food	No method available at DPHL or CDC or FDA  Methods available at contract Radiation labs	ICP/MS: not available*** Test strip/triage: available	Collect a minimum of 25 g of product double bagged in a leak proof, sterile container	Contract laboratory will notify DPHL who will notify submitter	Submitter must contact Environmental Health Evaluation Branch concerning any suspected food contamination.  ***Methods available at DOE/Rad. labs

<sup>\*</sup>DPHL will refer radiological testing to a radiological contract laboratory through DEMA. All specimens received at DPHL must be screened for radioactivity prior to submission and/or acceptance by DPHL personnel. Notify DPHL of any field characterization testing performed.

<sup>\*\*</sup>Low level contamination analysis is available via ICP/MS available for: Uranium 238, Cobalt 60, Cesium 137, Iridium 192, Strontium 90. Other testing must be coordinated with DPHL and DEMA.



CHEMICAL OR AGENT	SPECIMEN SELECTION FROM SAMPLES		TEST METHOD	TRANSPORT MEDIUM/ INSTRUCTIONS	PROCESSING TIME	COMMENTS
Ricin	Clinical	Blood: Not available at DPHL or CDC				
Ricin toxin - biomarker		<b>Urine:</b> Collect minimum 25-50mL in plastic urine specimen cup with o-ring	LC/MS/MS: available*	Freeze at -20 to - 80°C following IATA PI 650 & CDC Chemical Exposure Guidelines	12-36 hrs	*Method available through LRN network – anticipated at DPHL Ricinine biomarker determination
		Other fluids: Not available at DPHL or CDC				Contact DPHL for further assistance
	Environmental	Drinking Water: Collect 1 bottle (500mL) utilizing DPHL/ODW trace metals drinking water kit	LC/MS/MS: not available* Immunoassay: not available	Refrigerate at 2-8°C following ODW and EPA guidelines	12-36 hrs	*Method available through LRN network – anticipated at DPHL
		Powders, solids, or semi-solids: Collect minimum of 1 tablespoon of material in 15 or 50 mL plastic centrifuge tube	LC/MS/MS: not available* Time-resolved fluorescence assay (TRF): available** Real-Time PCR: available***	Store at room temperature in secondary container	2 -4 days	*Method available through LRN network – anticipated at DPHL
		Liquids: Collect a minimum of 1 tablespoon in 15 or 50 mL plastic centrifuge tube	LC/MS/MS: not available* Time-resolved fluorescence assay (TRF): available** Real-Time PCR: available***	Store at room temperature in secondary container	2 -4 days	*Method available through LRN network – anticipated at DPHL
		Gases: Not available at DPHL				Contact DPHL for further assistance
	Food	No method available at DPHL or CDC Methods available at FERN labs	LC/MS/MS: not available** Immunoassay: not available**	Collect a minimum of 25 g of product double bagged in a leak proof, sterile container	FDA laboratory will notify DPHL who will notify submitter	Submitter must contact Epidemiology Section of DPH concerning any suspected food contamination.  **Methods available at FERN labs

<sup>\*\*</sup>DNA form the Ricin communis plant is detected using PCR method

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<sup>\*\*\*</sup> Ricin toxin is detected using the TRF method



CHEMICAL OR AGENT	SPECIMEN SELECTION FROM SAMPLES		TEST METHOD	TRANSPORT MEDIUM/ INSTRUCTIONS	PROCESSING TIME	COMMENTS
Riot Agents	Clinical	Blood: Not available at DPHL or CDC				
chloroacetophenone		Urine: Not available at DPHL or CDC	GC/MS: not available**			**Method anticipated available through LRN network 06/2008
(CN) chlorobenzylidenemal		Other fluids: Not available at DPHL or CDC				
ononitrile (CS), chloropicrin (PS), bromobenzylcyanide (CA), dibenzoxazepine (CR)	Environmental	Drinking Water: Collect 1 bottle (500mL) utilizing DPHL/ODW trace metals drinking water kit	GC/MS: not available*	Refrigerate at 2-8°C following ODW and EPA guidelines	2-4 days	*Method available through eLRN network
Vomiting Agents Adamsite (DM)		Powders, solids, or semi-solids: Collect minimum of 1 tablespoon of material in 15 or 50 mL plastic centrifuge tube	GC/MS: not available*	Store at room temperature in secondary container	2 -4 days	*Method available through eLRN network
		Liquids: Collect a minimum of 1 tablespoon in 15 or 50 mL plastic centrifuge tube	GC/MS: not available*	Store at room temperature in secondary container	2 -4 days	*Method available through eLRN network
		Gases: Not available at DPHL				Contact DPHL for further assistance
	Food	No method available at DPHL or CDC or FDA	GC/MS: not available			Submitter must contact Environmental Health Evaluation Branch concerning any suspected food contamination.

Notify DPHL of any field characterization testing performed



CHEMICAL OR AGENT	SPECIMEN SELECTION FROM SAMPLES		TEST METHOD	TRANSPORT MEDIUM/ INSTRUCTIONS	PROCESSING TIME	COMMENTS
Selenium	Clinical	Blood: Not available at DPHL currently				Contact DPHL for further assistance
Selenium salts Selenium containing		<b>Urine:</b> Collect minimum 25-50mL in plastic urine specimen cup with o-ring	ICP/MS - DRC: available	Freeze at -20 to - 80°C following IATA PI 650 & CDC Chemical Exposure Guidelines	12-36 hrs	Speciation method available through LRN network
compounds (Vitamin supplements)		Other fluids: Not available at DPHL				Contact DPHL for further assistance
	Environmental	Drinking Water: Collect 1 bottle (500mL) utilizing DPHL/ODW trace metals drinking water kit	ICP/MS: available	Refrigerate at 2-8°C following ODW and EPA guidelines	12-36 hrs	
		Powders, solids, or semi-solids: Collect minimum of 1 tablespoon of material in 15 or 50 mL plastic centrifuge tube	ICP/MS: available	Store at room temperature in secondary container	2 -4 days	Contact DPHL for further assistance
		Liquids: Collect a minimum of 1 tablespoon in 15 or 50 mL plastic centrifuge tube	ICP/MS: available	Store at room temperature in secondary container	2 -4 days	Contact DPHL for further assistance
		Gases: Not available at DPHL				Contact DPHL for further assistance
	Food	No method available at DPHL or CDC	ICP/MS: available*	Collect a minimum of 25 g of product double bagged in a leak proof, sterile container	FDA laboratory will notify DPHL who will notify submitter	Submitter must contact Environmental Health Evaluation Branch concerning any suspected food contamination.  * Method available through FERN

Notify DPHL of any field characterization testing performed



CHEMICAL OR AGENT	SPECIMEN SELECTION FROM SAMPLES		TEST METHOD	TRANSPORT MEDIUM/ INSTRUCTIONS	PROCESSING TIME	COMMENTS
	Clinical	Blood: Not available at DPHL or CDC				Contact DPHL for further assistance
Sulfur Mustards  HD, H, HT, HL, HQ		<b>Urine:</b> Collect minimum 25-50mL in plastic urine specimen cup with o-ring	GC/MS/MS: available*	Freeze at -20 to - 80°C following IATA PI 650 & CDC Chemical Exposure Guidelines	12-36 hrs	Utilizes SBMTE metabolite for detection  *Method available through LRN network
		Other fluids: Not available at DPHL				Contact DPHL for further assistance
	Environmental	Drinking Water: Collect 1 bottle (500mL) utilizing DPHL/ODW trace metals drinking water kit	GC/MS/MS: not available GC/MS: not available	Refrigerate at 2-8°C following ODW and EPA guidelines	2-4 days	*Method available through e-LRN network
		Powders, solids, or semi-solids: Collect minimum of 1 tablespoon of material in 15 or 50 mL plastic centrifuge tube	GC/MS: not available GC/MS: not available	Store at room temperature in secondary container	2 -4 days	*Method available through e-LRN network
		Liquids: Collect a minimum of 1 tablespoon in 15 or 50 mL plastic centrifuge tube	GC/MS/MS: not available GC/MS: not available	Store at room temperature in secondary container	2 -4 days	*Method available through e-LRN network
		Gases: Not available at DPHL				Contact DPHL for further assistance
	Food	No method available at DPHL or CDC or FDA	GC/MS/MS: not available GC/MS: not available			Submitter must contact Environmental Health Evaluation Branch concerning any suspected food contamination.

Notify DPHL of any field characterization testing performed



SPECIMEN SELECTION FROM SAMPLES		TEST METHOD	TRANSPORT MEDIUM/ INSTRUCTIONS	PROCESSING TIME	COMMENTS
Clinical	Blood: Not available at DPHL currently				Contact DPHL for further assistance
	<b>Urine:</b> Collect minimum 25-50mL in plastic urine specimen cup with o-ring	ICP/MS: available	Freeze at -20 to - 80°C following IATA PI 650 & CDC Chemical Exposure Guidelines	12-36 hrs	
	Other fluids: Not available at DPHL				Contact DPHL for further assistance
Environmental	Drinking Water Collect 1 bottle (500mL) utilizing DPHL/ODW trace metals drinking water kit	ICP/MS: available	Refrigerate at 2-8°C following ODW and EPA guidelines	12-36 hrs	
	Powders, solids, or semi-solids: Collect minimum of 1 tablespoon of material in 15 or 50 mL plastic centrifuge tube	ICP/MS: available	Store at room temperature in secondary container	2 -4 days	Contact DPHL for further assistance
	Liquids: Collect a minimum of 1 tablespoon in 15 or 50 mL plastic centrifuge tube	ICP/MS: available	Store at room temperature in secondary container	2 -4 days	Contact DPHL for further assistance
	Gases: Not available at DPHL				Contact DPHL for further assistance
Food	No method available at DPHL or CDC	ICP/MS: available*	Collect a minimum of 25 g of product double bagged in a leak proof, sterile container	FDA laboratory will notify DPHL who will notify submitter	Submitter must contact Environmental Health Evaluation Branch concerning any suspected food contamination.  *Method available through FERN.
	Clinical	Clinical  Blood: Not available at DPHL currently  Urine: Collect minimum 25-50mL in plastic urine specimen cup with o-ring  Other fluids: Not available at DPHL  Environmental  Drinking Water Collect 1 bottle (500mL) utilizing DPHL/ODW trace metals drinking water kit  Powders, solids, or semi-solids: Collect minimum of 1 tablespoon of material in 15 or 50 mL plastic centrifuge tube  Liquids: Collect a minimum of 1 tablespoon in 15 or 50 mL plastic centrifuge tube  Gases: Not available at DPHL	Clinical  Blood: Not available at DPHL currently  Urine: Collect minimum 25-50mL in plastic urine specimen cup with o-ring  Other fluids: Not available at DPHL  Environmental  Drinking Water Collect 1 bottle (500mL) utilizing DPHL/ODW trace metals drinking water kit  Powders, solids, or semi-solids: Collect minimum of 1 tablespoon of material in 15 or 50 mL plastic centrifuge tube  Liquids: Collect a minimum of 1 tablespoon in 15 or 50 mL plastic centrifuge tube  Gases: Not available at DPHL	Clinical   Blood: Not available at DPHL currently	Clinical   Blood: Not available at DPHL currently

Notify DPHL of any field characterization testing performed



CHEMICAL OR AGENT	SPECIMEN SELECTION FROM SAMPLES		TEST METHOD	TRANSPORT MEDIUM/ INSTRUCTIONS	PROCESSING TIME	COMMENTS
Tungsten	Clinical	Blood: Not available at DPHL currently	ICP/MS: not available			Contact DPHL for further assistance
Tungsten salts Tungsten containing		<b>Urine:</b> Collect minimum 25-50mL in plastic urine specimen cup with o-ring	ICP/MS: available	Freeze at -20 to - 80°C following IATA PI 650 & CDC Chemical Exposure Guidelines	12-36 hrs	
compounds		Other fluids: Not available at DPHL				Contact DPHL for further assistance
	Environmental	Drinking Water: Collect 1 bottle (500mL) utilizing DPHL/ODW trace metals drinking water kit	ICP/MS: available	Refrigerate at 2-8°C following ODW and EPA guidelines	12-36 hrs	
		Powders, solids, or semi-solids: Collect minimum of 1 tablespoon of material in 15 or 50 mL plastic centrifuge tube	ICP/MS: available	Store at room temperature in secondary container	2 -4 days	Contact DPHL for further assistance
		Liquids: Collect a minimum of 1 tablespoon in 15 or 50 mL plastic centrifuge tube	ICP/MS: available	Store at room temperature in secondary container	2 -4 days	Contact DPHL for further assistance
		Gases: Not available at DPHL				Contact DPHL for further assistance
	Food	No method available at DPHL or CDC	ICP/MS: available*	Collect a minimum of 25 g of product double bagged in a leak proof, sterile container	FDA laboratory will notify DPHL who will notify submitter	Submitter must contact Environmental Health Evaluation Branch concerning any suspected food contamination. *Method available through FERN.

Notify DPHL of any field characterization testing performed



CHEMICAL OR AGENT	SPECIMEN SELECTION FROM SAMPLES		TEST METHOD	TRANSPORT MEDIUM/ INSTRUCTIONS	PROCESSING TIME	COMMENTS
Uranium salts Uranium containing compounds or materials (Old orange Fiesta ware, certain rock formations)	Clinical	Blood: Not available at DPHL currently				Contact DPHL for further assistance
		<b>Urine:</b> Collect minimum 25-50mL in plastic urine specimen cup with o-ring	ICP/MS: available Hand-held screening: available (must be confirmed by ICP/MS technique)	Freeze at -20 to - 80°C following IATA PI 650 & CDC Chemical Exposure Guidelines	12-36 hrs	Speciation method available through LRN network
		Other fluids: Not available at DPHL				Contact DPHL for further assistance
	Environmental	Drinking Water: Collect 1 bottle (500mL) utilizing DPHL/ODW trace metals drinking water kit	ICP/MS: available Hand-held screening: available (must be confirmed by ICP/MS technique)	Refrigerate at 2-8°C following ODW and EPA guidelines	12-36 hrs	
		Powders, solids, or semi-solids: Collect minimum of 1 tablespoon of material in 15 or 50 mL plastic centrifuge tube	ICP/MS: available Hand-held screening: available (must be confirmed by ICP/MS technique)	Store at room temperature in secondary container	2 -4 days	Contact DPHL for further assistance
		Liquids: Collect a minimum of 1 tablespoon in 15 or 50 mL plastic centrifuge tube	ICP/MS: available Hand-held screening: available (must be confirmed by ICP/MS technique)	Store at room temperature in secondary container	2 -4 days	Contact DPHL for further assistance
		Gases: Not available at DPHL				Contact DPHL for further assistance
	Food	No method available at DPHL or CDC	ICP/MS: not available* Hand-held screening: available (must be confirmed by ICP/MS technique)	Collect a minimum of 25 g of product double bagged in a leak proof, sterile container	FDA laboratory will notify DPHL who will notify submitter	Submitter must contact Environmental Health Evaluation Branch concerning any suspected food contamination.  *Method available through FERN

Notify DPHL of any field characterization testing performed



CHEMICAL OR AGENT	SPECIMEN SELECTION FROM SAMPLES		TEST METHOD	TRANSPORT MEDIUM/ INSTRUCTIONS	PROCESSING TIME	COMMENTS
Vanadium salts Vanadium containing compounds or materials	Clinical	<b>Blood:</b> Collect 3x4mL (min. 12 mL) in plastic purple top K3EDTA blood tube	ICP/MS: not available at DPHL	Refrigerate at 2-8°C following IATA PI 650 & CDC Chemical Exposure Guidelines		Contact DPHL for further assistance
		<b>Urine:</b> Collect minimum 25-50mL in plastic urine specimen cup with o-ring	ICP/MS - DRC: not available at DPHL	Freeze at -20 to - 80°C following IATA PI 650 & CDC Chemical Exposure Guidelines	12-36 hrs	Speciation method available through LRN network
		Other fluids: Not available at DPHL				Contact DPHL for further assistance
	Environmental	Drinking Water: Collect 1 bottle (500mL) utilizing DPHL/ODW trace metals drinking water kit	ICP/MS: available	Refrigerate at 2-8°C following ODW and EPA guidelines	12-36 hrs	
		Powders, solids, or semi-solids: Collect minimum of 1 tablespoon of material in 15 or 50 mL plastic centrifuge tube	ICP/MS: available	Store at room temperature in secondary container	2 -4 days	Contact DPHL for further assistance
		Liquids: Collect a minimum of 1 tablespoon in 15 or 50 mL plastic centrifuge tube	ICP/MS: available	Store at room temperature in secondary container	2 -4 days	Contact DPHL for further assistance
		Gases: Not available at DPHL				Contact DPHL for further assistance
	Food	No method available at DPHL or CDC	ICP/MS: available*	Collect a minimum of 25 g of product double bagged in a leak proof, sterile container	FDA laboratory will notify DPHL who will notify submitter	Submitter must contact Environmental Health Evaluation Branch concerning any suspected food contamination. *Method available through FERN.

Notify DPHL of any field characterization testing performed



CHEMICAL OR AGENT	SPECIMEN SELECTION FROM SAMPLES		TEST METHOD	TRANSPORT MEDIUM/ INSTRUCTIONS	PROCESSING TIME	COMMENTS
VOCs  Volatile Organic Compounds	Clinical	Blood: Collect 3x4mL (min. 12 mL) in plastic purple top K3EDTA blood tube Collect 1x4ml in plastic green top lithium heparin blood tube	GC/MS: available*	Refrigerate at 2-8°C following IATA PI 650 & CDC Chemical Exposure Guidelines	24-48 hrs	2 blank tubes from each lot and type must also be provided. *Method available through LRN network – anticipated at DPHL
		Urine: Not available				
63 analytes in		Other fluids: Not available				
drinking water 10 analytes in blood 38 analytes in blood through LRN network	Environmental	Drinking Water: Collect 3 bottles (40mL each) utilizing DPHL/ODW drinking water kit	GC/MS: available Wet Chemistry: available Test strip/triage: available	Refrigerate at 2-8°C following ODW and EPA guidelines	12-36 hrs	Contact DPHL for further assistance. 3 field blank bottles must also be prepared. Blanks are different based on chlorinated or non-chlorinated water.
		Powders, solids, or semi-solids: Collect minimum of 1 tablespoon of material in 15 or 50 mL plastic centrifuge tube	GC/MS: available Wet Chemistry: available Test strip/triage: available	Store at room temperature in secondary container	2 -4 days	Container blanks must also be provided for background analysis.
		Liquids: Collect a minimum of 1 tablespoon in 15 or 50 mL plastic centrifuge tube	GC/MS: available Wet Chemistry: available Test strip/triage: available	Store at room temperature in secondary container	2 -4 days	Container blanks must also be provided for background analysis.
		Gases: Not available at DPHL				Contact DPHL for further assistance
	Food	No method available at DPHL or CDC **Methods available at FERN labs	GC/MS: available**	Collect a minimum of 25 g of product double bagged in a leak proof, sterile container	FDA laboratory will notify DPHL who will notify submitter	Submitter must contact Environmental Health Evaluation Branch concerning any suspected food contamination.  **Method available through FERN.

Notify DPHL of any field characterization testing performed